



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, July 25, 2015

Issued: 0800 CT

Day 1 Hazards: Excessive Heat Warning over NE OK, W-Central AR and NE AR; Hot temperatures for much of the eastern 2/3rds of the Region.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



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817-978-1100 x 147

Key Points



Today

- Afternoon heat index values over 100 degrees for most of the eastern 2/3rds of the Region
- Excessive Heat Warnings (Heat Index values 110-115 degrees) for NE OK, W-Central AR and NE AR

Sunday into Wednesday

- Hot temperatures and mostly dry conditions remain in place into next week
- Rain chances increase slightly over northern and eastern portions of the Region later next week which could bring a little relief to the hot temperatures






Tropical Outlook

- Tropical formation is not expected in the next 5 days

*FEMA Region 6 Threat Matrix

Jul 25, 2015 - Jul 29, 2015

DAY/ THREAT	SAT	SUN	MON	TUE	WED
Severe Weather	OK Panhandle				
Heavy Rain /Flash Flooding					
Heat	NE OK, W-Cntrl AR, NE AR				
	Eastern 2/3rds of the Region				
Tropical					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to sr-srh.roc@noaa.gov.



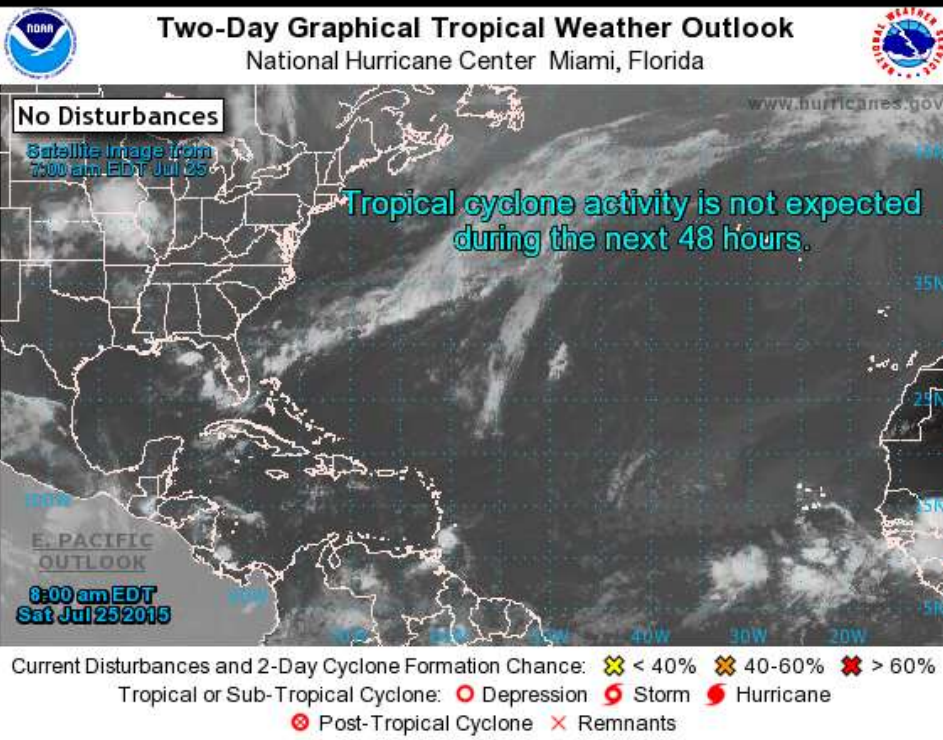
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



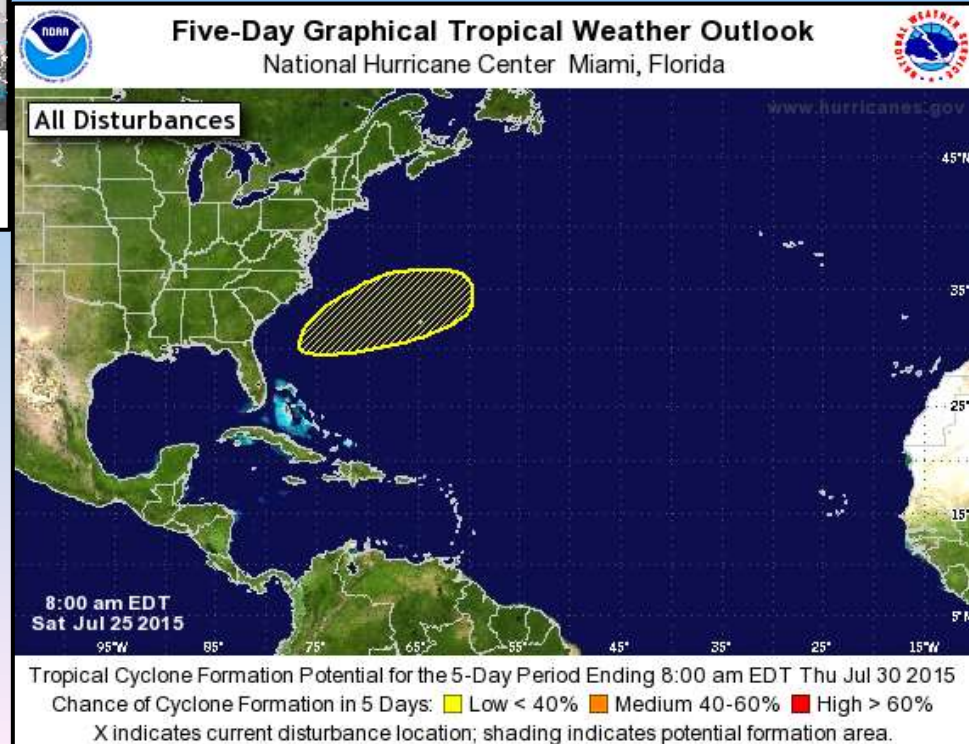
Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

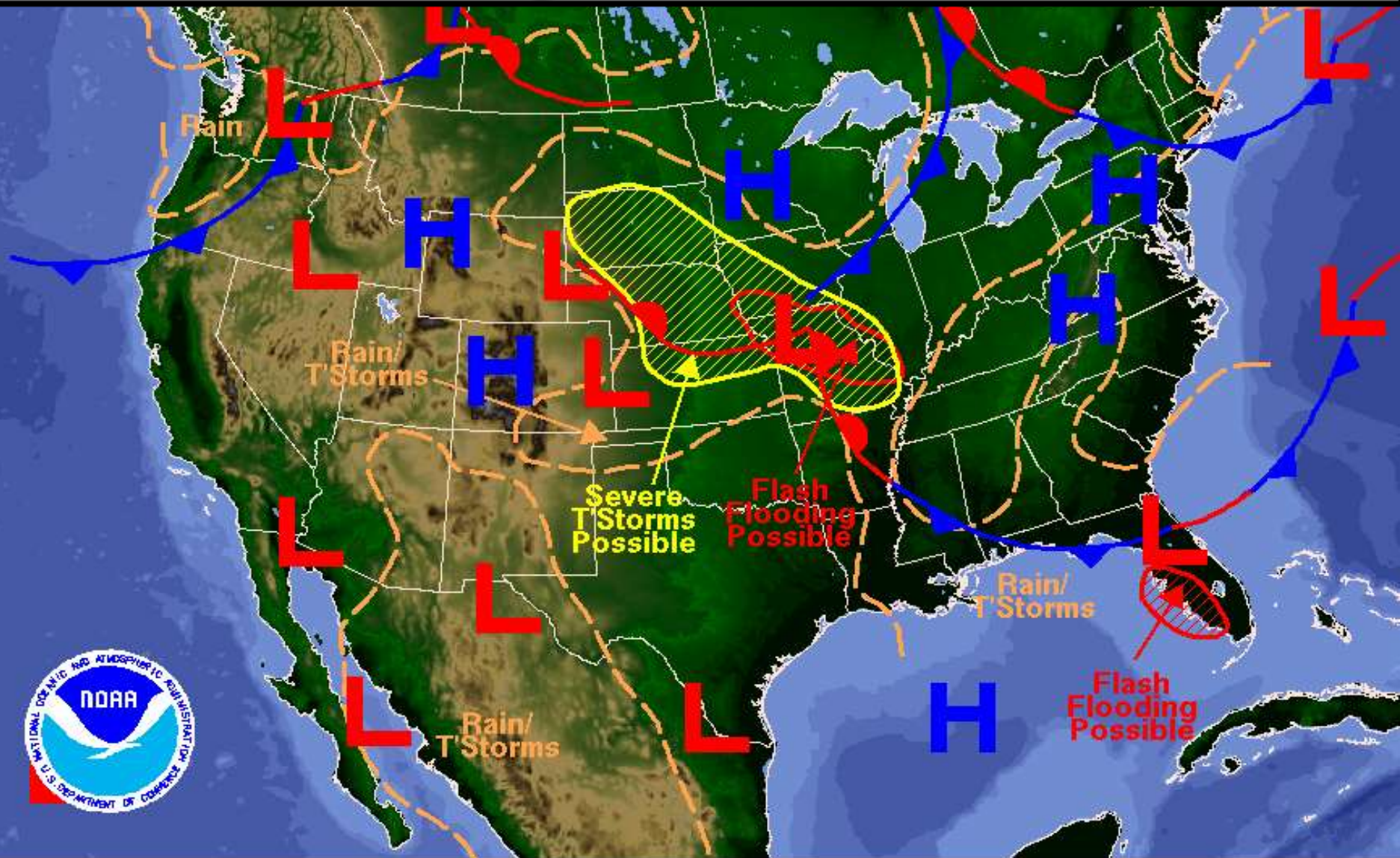
Atlantic/Gulf Tropical Weather Outlook



Tropical cyclone formation is not expected the next 5 days



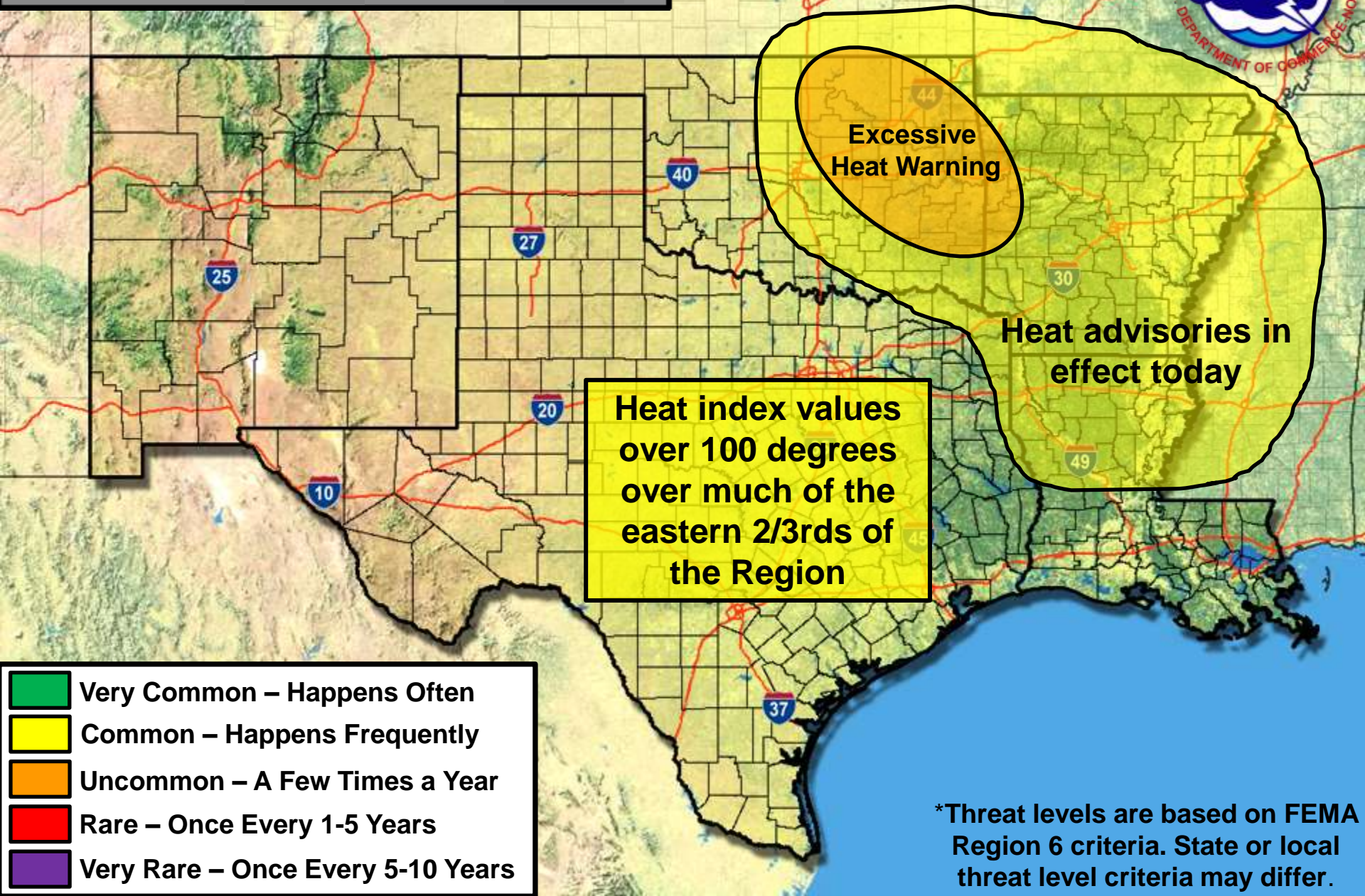
Today's Weather








Weather Forecast for Sat, Jul 25, 2015, issued 4:31 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Ryan based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Sat - 0800 Sun



	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

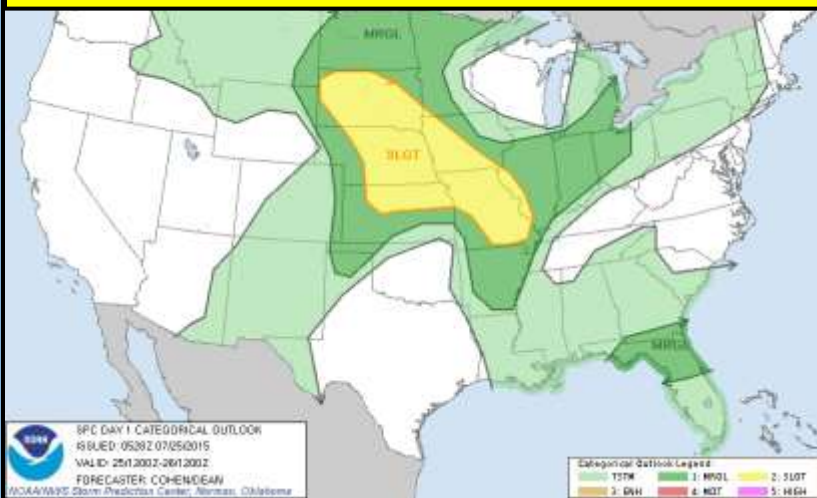


Saturday, July 25, 2015

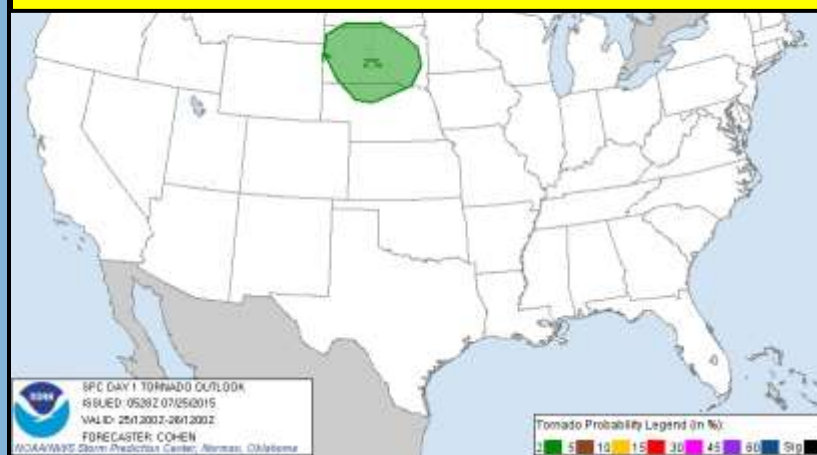
Severe Thunderstorm Potential



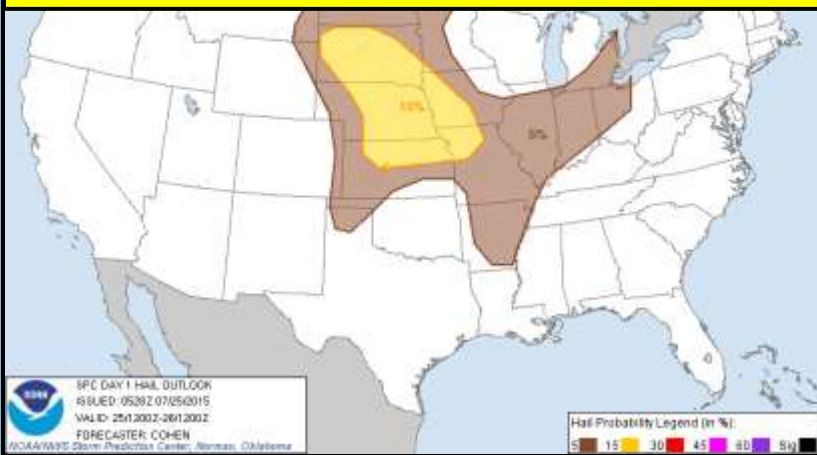
Overall Threat Potential



Probability of Tornado within 25 miles of a point



Probability of Damaging Hail within 25 miles of a point

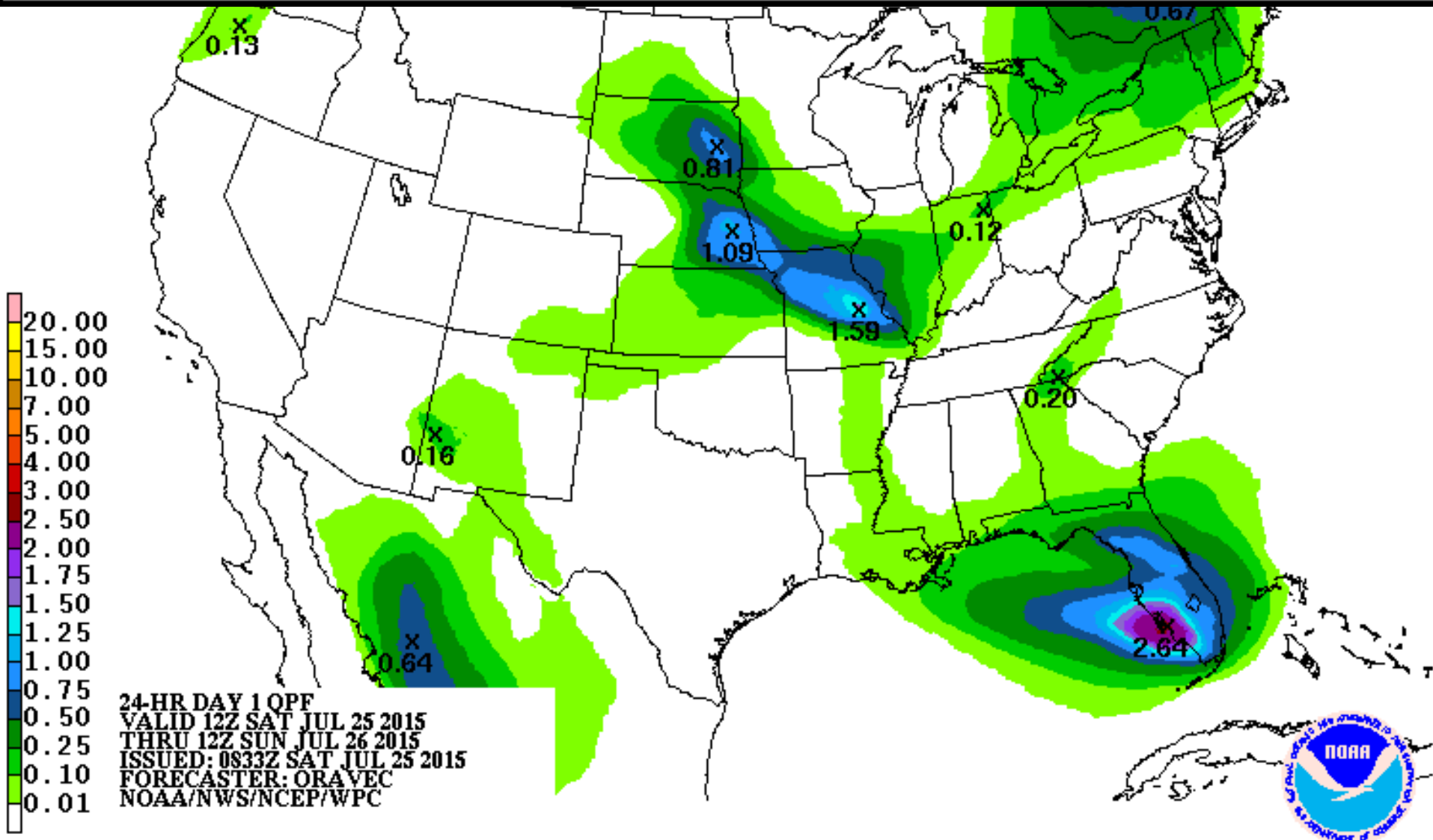


Probability of Damaging Winds within 25 miles of a point

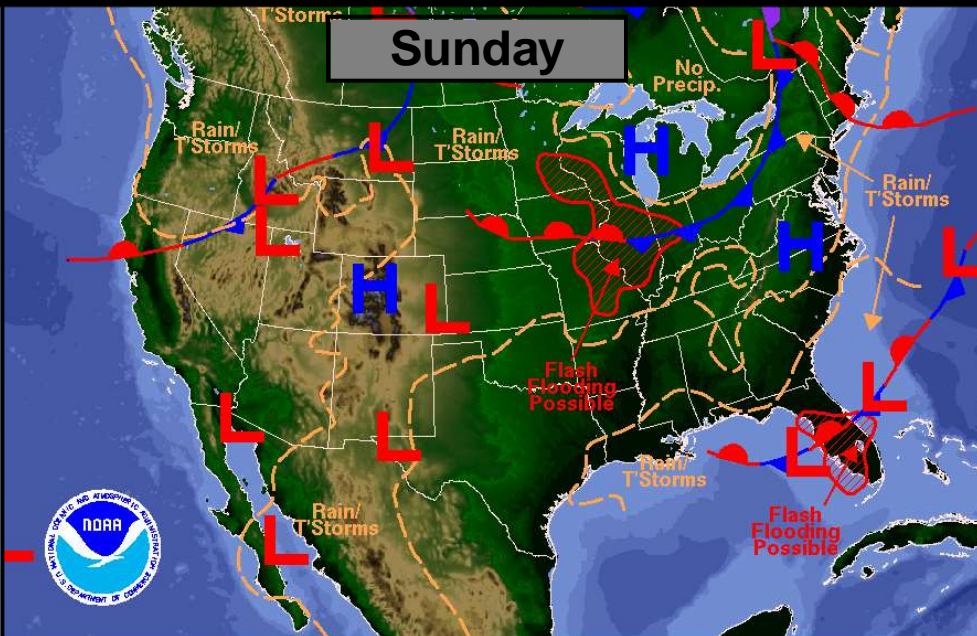


Today's Precipitation

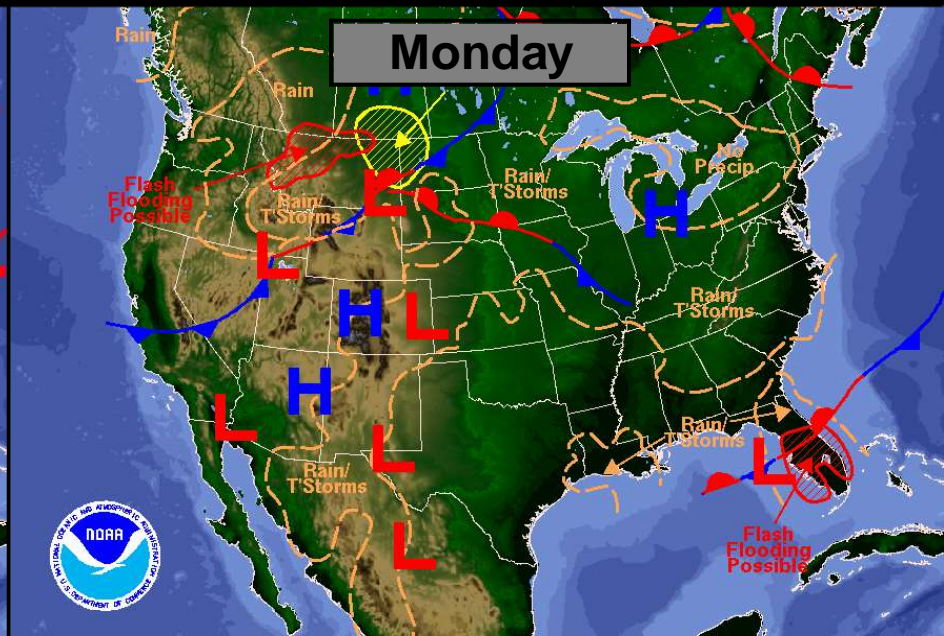
Sat AM - Sun AM



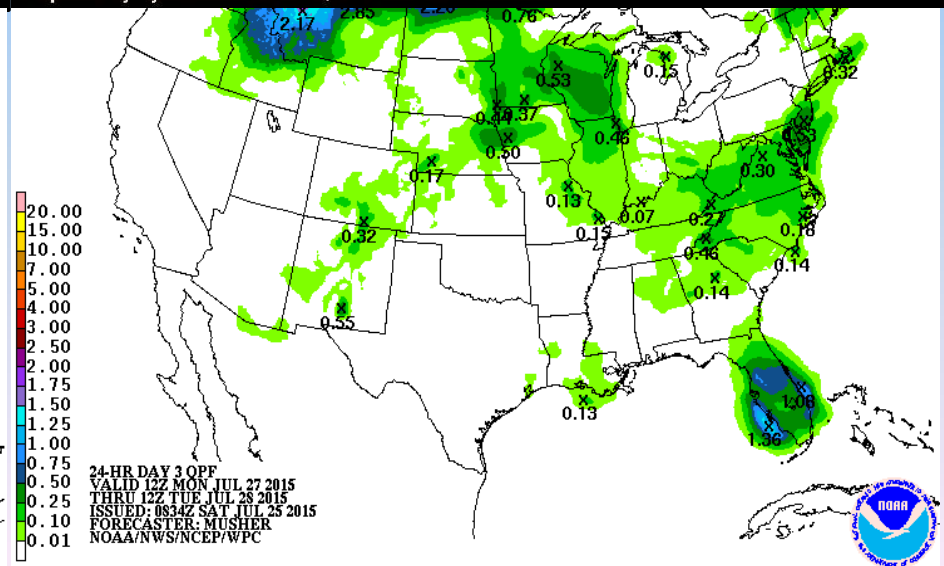
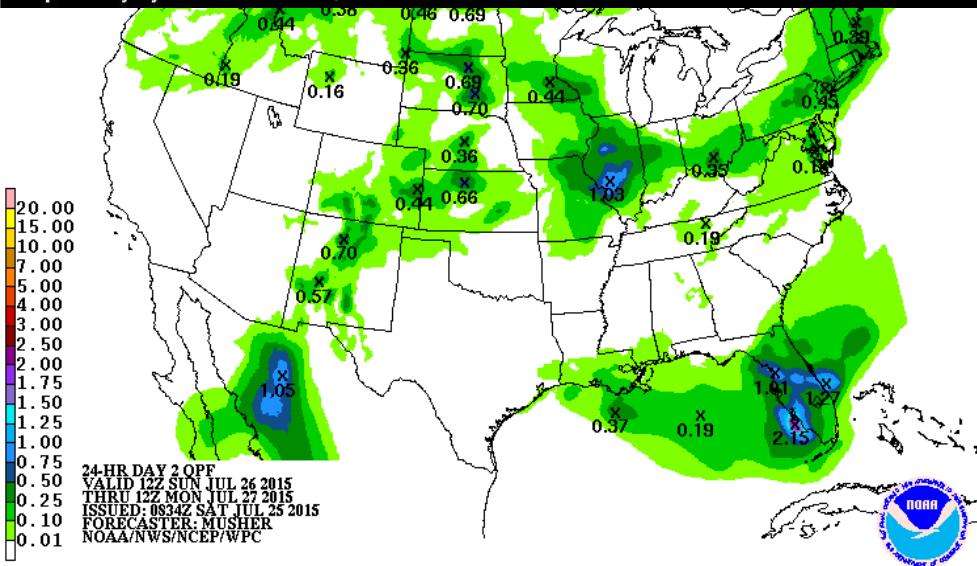
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sun, Jul 26, 2015, issued 4:34 AM EDT Sat, Jul 25, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Ryan based on WPC, SPC and NHC forecasts



Weather Forecast for Mon, Jul 27, 2015, issued 4:41 AM EDT Sat, Jul 25, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Ryan based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards

Valid: 0800 Sun - 0800 Tue



Temperatures remain hot over the eastern 2/3rds of the Region both days with relatively dry conditions



**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



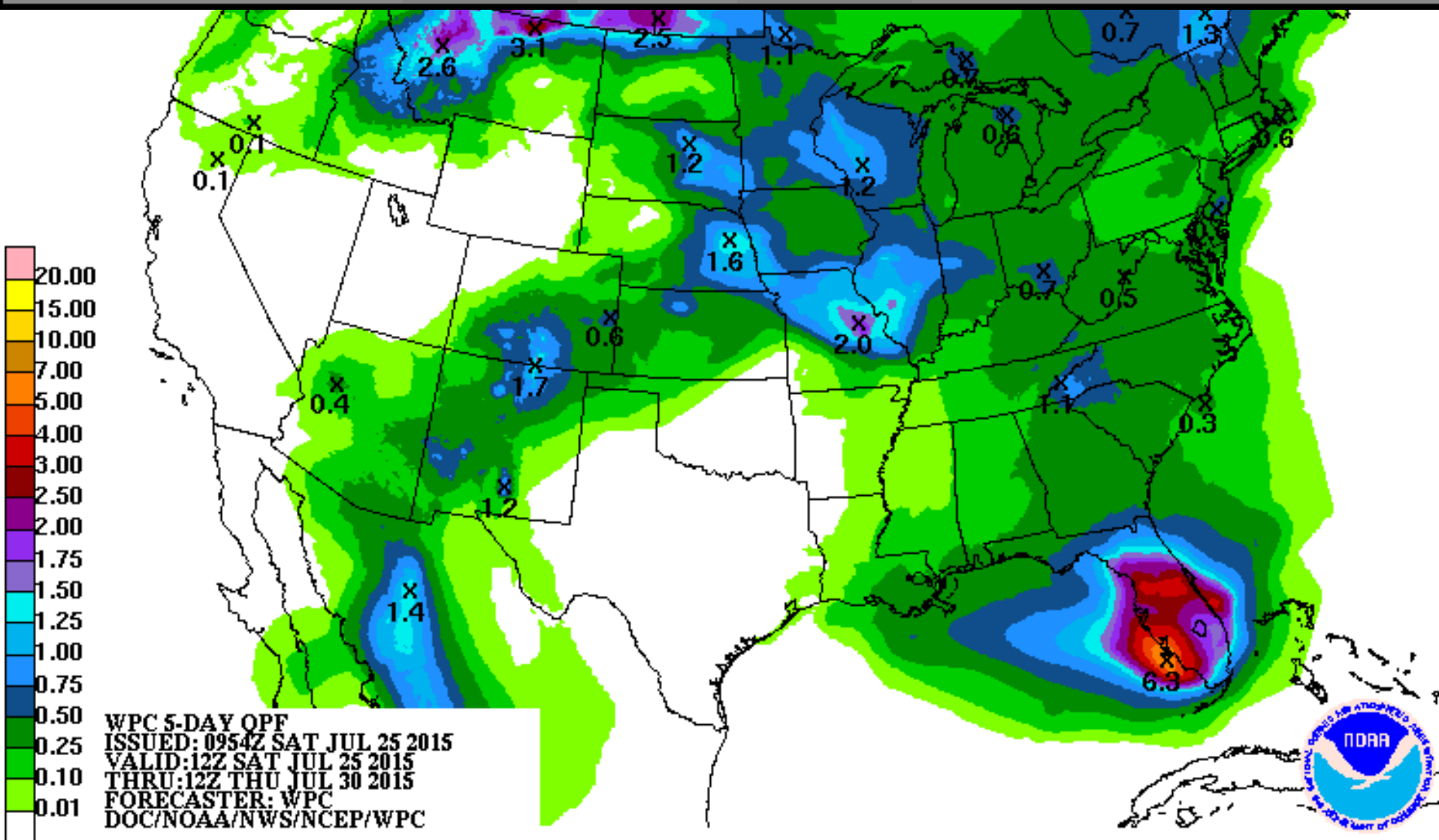
**Hot and dry
conditions remain in
place midweek**



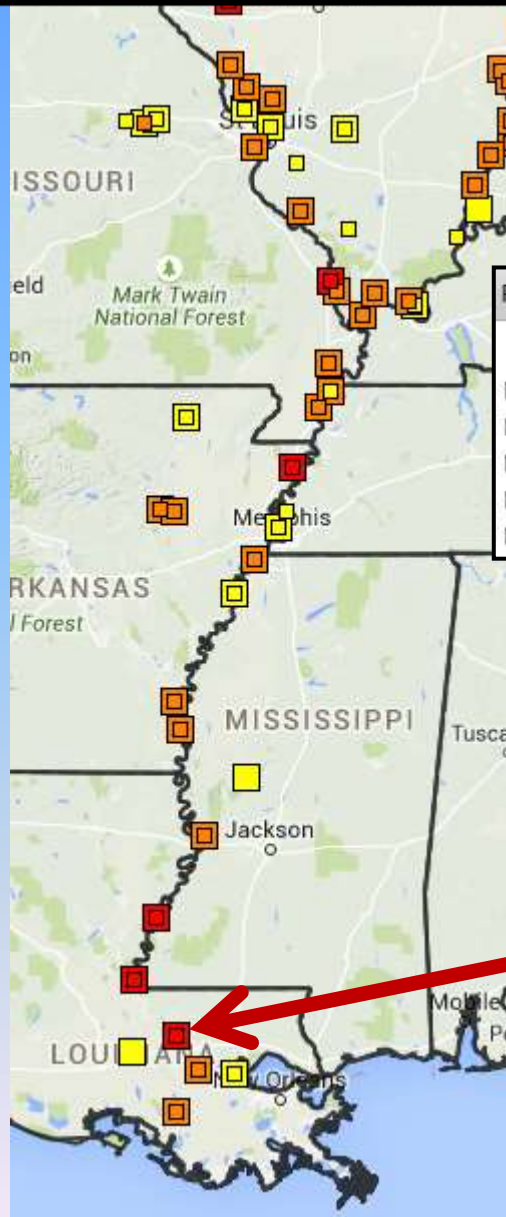
*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

5-Day Precipitation

Sat AM - Thu AM

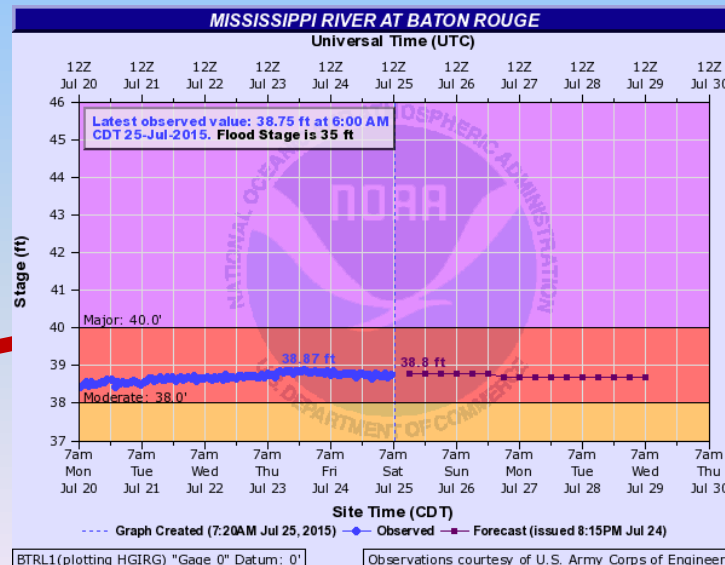


Current River Status / Near Term Forecast



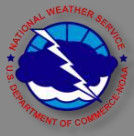
The Lower MS River is generally expected to remain in Minor Flood Stage, with a few points in Moderate Flood Stage.

River Status		
	Observed	Forecast
No Flooding	Green square	Green square
Near Flood Stage	Yellow square	Yellow square
Minor Flooding	Orange square	Orange square
Moderate Flooding	Red square	Red square
Major Flooding	Purple square	Purple square



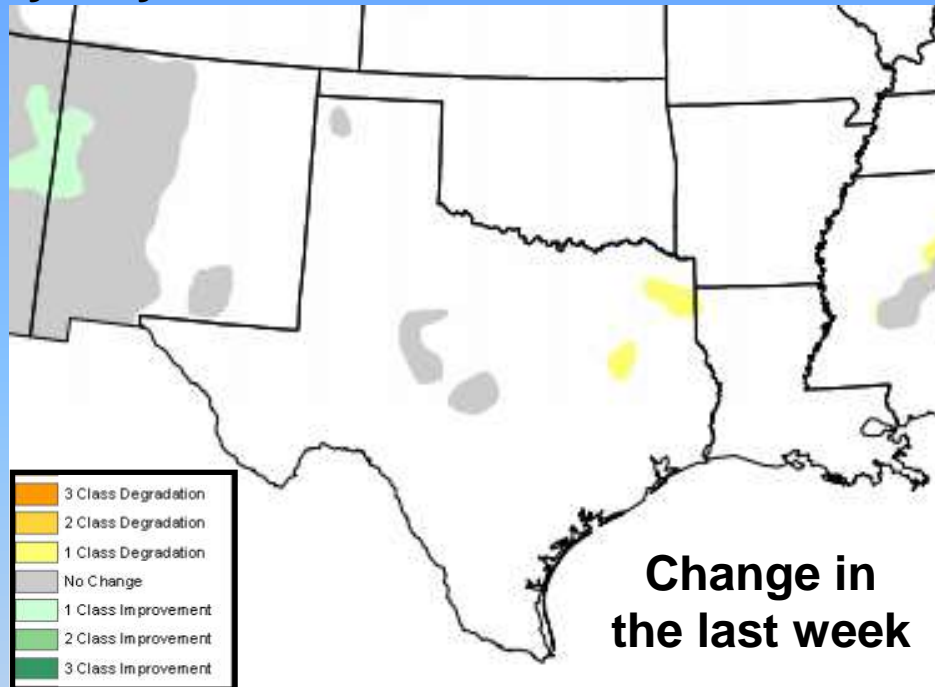
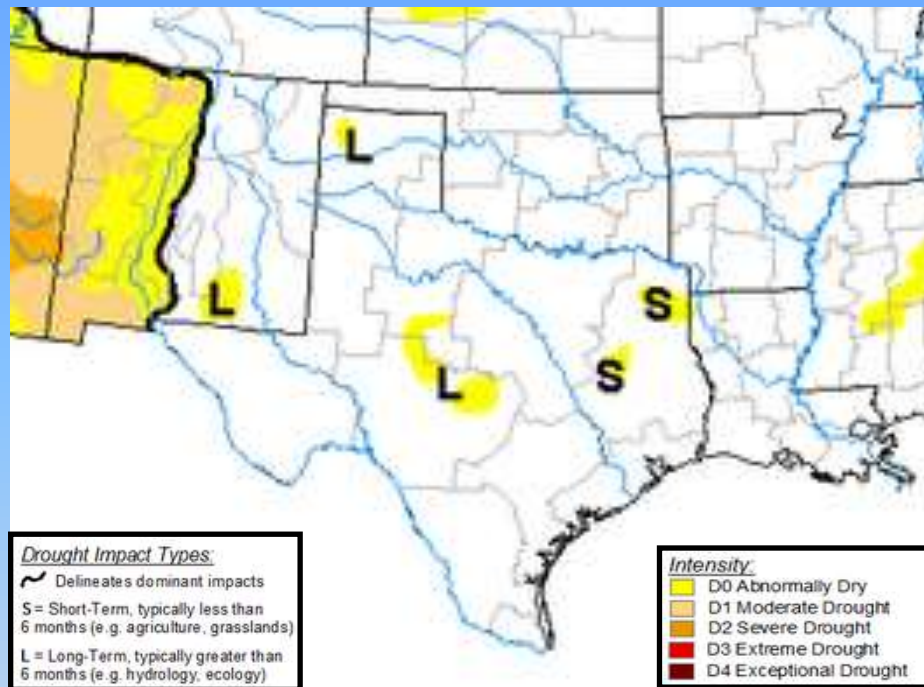
Possible impacts in/around Baton Rouge:
River traffic and industrial activity on the river side of the levees will be affected. Navigational safety regulations will be strictly enforced.

For latest river stages/forecasts, go to <http://www.srh.noaa.gov/rfcexp/main.php?fs=1>



Drought Monitor Released July 23rd, 2015

Data valid as of Tuesday July 21st, 2015



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	37.13%	23.55%
Texas	0.00%	0.00%	9.35%	14.98%
New Mexico	0.00%	0.00%	0.00%	34.10%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

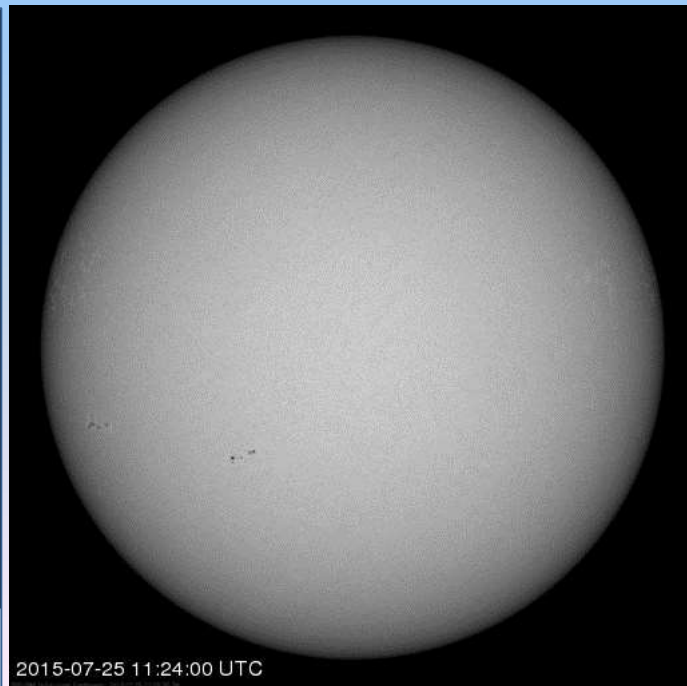
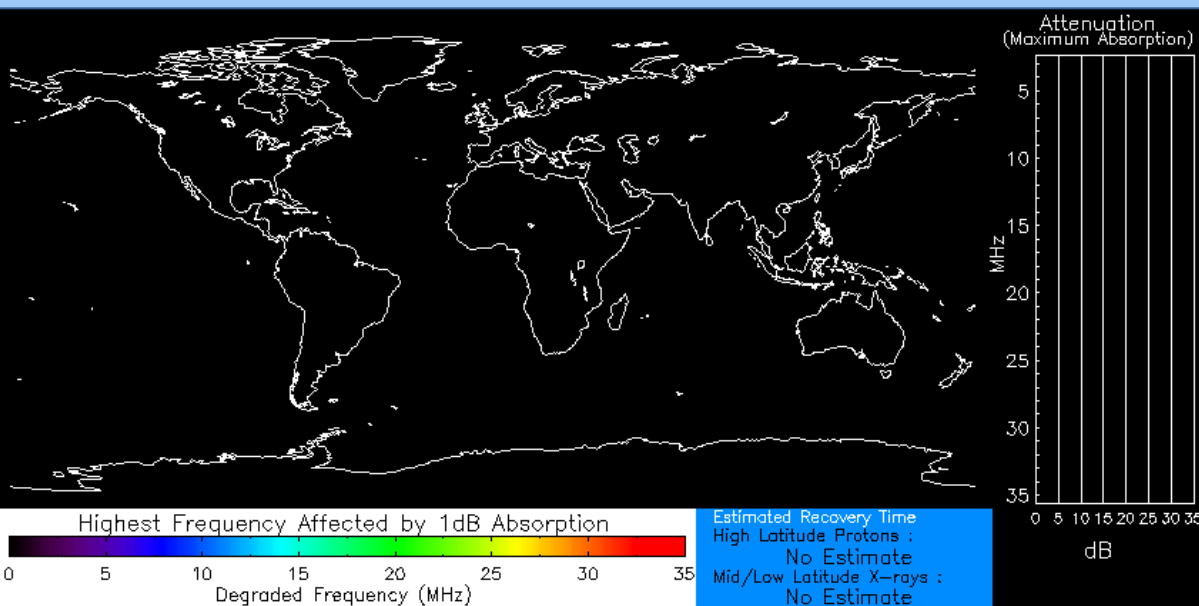
Space Weather 3-Day Forecast



	Friday	Saturday	Sunday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
 Product Valid At : 2015-07-25 12:04 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

2015-07-25 11:24:00 UTC

Information provided by:



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